

Amendments to the Specification:

1. Please replace Table 1 in the specification with the following,

Entry	Name	Structure
1	2-[(3-cyano-4,6-dimethyl-5-nitropyridin-2-yl)oxy]-N-[3-(trifluoromethyl)phenyl]acetamide	
2	<u>N²-(2-amino-6-chloropyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-(2-amino-6-chloropyrimidin-4-yl)-</u> <u>N-[3-(trifluoromethyl)phenyl]glycinamide</u>	
3	[2-amino-6-(methylthio)pyrimidin-4-yl]methyl [3-(trifluoromethyl)phenyl]carbamate	
4	2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[5-(trifluoromethyl)pyridin-2-yl]acetamide	
5	<u>N²-[2-amino-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[2-amino-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	
6	2-{{[2-amino-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	

Table 1

7	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[3-(methyoxy)phenyl]acetamide	
8	<u>N²-(2-amino-6-morpholin-4-yl)pyrimidin-4-</u> <u>(trifluoromethyl)phenyl]glycinamide</u> N-2-(2-amino-6-morpholin-4-yl)pyrimidin-4-yl-N-[3-(trifluoromethyl)phenyl]glycinamide	
9	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(4-chlorophenyl)acetamide	
10	2-{{2-amino-6-(1H-1,2,3-benzotriazol-1-yloxy)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
11	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(3-chlorophenyl)acetamide	
12	<u>N²-(2-amino-6-chloro-5-formylpyrimidin-4-yl)N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-(2-amino-6-chloro-5-formylpyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide	

Table 1

13	<u>N²-[2-amino-5-formyl-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-[2-amino-5-formyl-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
14	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	
15	2-[(2-amino-6-chloropyrimidin-4-yl)thio]-N-[3-(trifluoromethyl)phenyl]acetamide	
16	2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-methyl-N-[3-(trifluoromethyl)phenyl]acetamide}	
17	<u>N²-[4-amino-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-[4-amino-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
18	<u>N²-[4-(dimethylamino)-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-[4-(dimethylamino)-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
19	<u>N²-[4-(methylamino)-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-[4-(methylamino)-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	

Table 1

20	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	
21	<u>2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide</u> <u>'2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide</u>	
22	<u>2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[3-(butyloxy)phenyl]acetamide</u> <u>'2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[3-(butyloxy)phenyl]acetamide</u>	
23	<u>2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[1,3-benzothiazol-2-yl]acetamide</u> <u>'2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[1,3-benzothiazol-2-yl]acetamide</u>	
24	<u>2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(5-ethyl-1,3,4-thiadiazol-2-yl)acetamide</u> <u>'2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(5-ethyl-1,3,4-thiadiazol-2-yl)acetamide</u>	
25	<u>2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(4-methyl-1,3-thiazol-2-yl)acetamide</u> <u>'2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(4-methyl-1,3-thiazol-2-yl)acetamide</u>	
26	<u>2-amino-4-{{[2-(3,5-dimethyl-1H-pyrazol-1-yl)-2-oxoethyl]thio}-6-(methylthio)pyrimidin-5-carbonitrile}</u> <u>'2-amino-4-{{[2-(3,5-dimethyl-1H-pyrazol-1-yl)-2-oxoethyl]thio}-6-(methylthio)pyrimidine-5-carbonitrile}</u>	

Table 1

27	<u>2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-1,3-thiazol-2-ylacetamide}</u> 2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-1,3-thiazol-2-ylacetamide	
28	ethyl 5-[({{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}acetyl)amino]-4-cyano-3-methylthiophene-2-carboxylate	
29	2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-pyridin-2-ylacetamide	
30	2-amino-4-({{2-[2,5-bis(methoxy)phenyl]-2-oxoethyl}thio}-6-(methylthio)pyrimidine-5-carbonitrile	
31	2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[4-fluoro-3-(trifluoromethyl)phenyl]acetamide	
32	2-[(2,6-diaminopyrimidin-4-yl)thio]-N-[4-fluoro-3-(trifluoromethyl)phenyl]acetamide	
33	2-[(2,6-diaminopyrimidin-4-yl)thio]-N-[3-(trifluoromethyl)phenyl]acetamide	

Table 1

34	2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[4-chloro-3-(trifluoromethyl)phenyl]acetamide}	
35	2-amino-4-(methylthio)-6-({2-oxo-1-[3-(trifluoromethyl)phenyl]pyrrolidin-3-yl}thio)pyrimidinc-5-carbonitrile	
36	2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[6-(trifluoromethyl)pyridin-2-yl]acetamide}	
37	2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[4-(trifluoromethyl)pyridin-2-yl]acetamide}	
38	{6-(methylthio)-2-[(phenylmethyl)amino]pyrimidin-4-yl}methyl [3-(trifluoromethyl)phenyl]carbamate	
39	[6-(methylamino)-2-(methylthio)pyrimidin-4-yl]methyl [3-(trifluoromethyl)phenyl]carbamate	
40	{2-(methylthio)-6-[(phenylmethyl)amino]pyrimidin-4-yl}methyl [3-(trifluoromethyl)phenyl]carbamate	

Table 1

41	2-{{[2-(acetyl amino)-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide}	
42	(2S)-2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]propanamide	
43	2-[(2-amino-6-chloro-5-formylpyrimidin-4-yl)thio]-N-[3-(trifluoromethyl)phenyl]acetamide	
44	N-2-[[2-amino-5-(hydroxymethyl)-6-(methylthio)pyrimidin-4-yl]N-[3-(trifluoromethyl)phenyl]glycinamide	
45	2-{{[2-amino-5-formyl-6-(methylamino)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
46	2-{{[2-amino-5-formyl-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	
47	2-{{[4-amino-6-(methylthio)-1,3,5-triazin-2-yl]oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	

Table 1

48	2-{[2-amino-6-(methylthio)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
49	2-amino-4-(methylthio)-6-{{[2-oxo-2-(3-oxo-3,4-dihydro-2H-1,4-benzoxazin-6-yl)ethyl]thio}pyrimidine-5-carbonitrile	
50	2-[(2-amino-6-chloro-5-formylpyrimidin-4-yl)oxy]-N-[3-(trifluoromethyl)phenyl]acetamide	
51	2-{{[2-amino-5-formyl-6-(phenylthio)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
52	2-{{[2-amino-5-(hydroxymethyl)-6-(phenylthio)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
53	2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[2-methyl-3-(trifluoromethyl)phenyl]acetamide	
54	2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[2-(methoxy)-5-(trifluoromethyl)phenyl]acetamide	

Table 1

55	2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[2-chloro-5-(trifluoromethyl)phenyl]acetamide}	
56	2-{{[2-amino-5-(hydroxymethyl)-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]acetamide}	
57	<u>N²-[6-amino-1H-pyrazolo[3,4-d]pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[6 amino 1H-pyrazolo[3,4-d]pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	
58	<u>N²-[2-amino-5-[(E)-hydrazonomethyl]-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[2 amino 5 [(E)-hydrazonomethyl]-6 (methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	
59	<u>N²-[2-amino-5-[(E)-(hydroxyimino)methyl]-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[2 amino 5 [(E)-(hydroxyimino)methyl]-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	
60	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u>	

Table 1

61	2-{{2-amino-5-cyano-6-(methylamino)pyrimidin-4-yl}thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
62	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-[2-amino-5-(trifluoromethyl)phenyl]acetamide	
63	2-amino-4-(methylthio)-6-({[6-(trifluoromethyl)-1H-benzimidazol-2-yl]methyl}thio)pyrimidine-5-carbonitrile	
64	2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	
65	N ² -[5-cyano-2-(methylamino)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide N-2-[5-cyano-2-(methylamino)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
66	2-{{2-amino-5-cyano-6-(dimethylamino)pyrimidin-4-yl}thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
67	(S)-1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]prolinamide	

Table 1

68	(2R)-2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]propanamide	
69	1-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]cyclopropanecarboxamide	
70	(2S)-2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy}-3-methyl-N-[3-(trifluoromethyl)phenyl]butanamide	
71	N ² -[5-cyano-2-(dimethylamino)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide N-2-[5-cyano-2-(dimethylamino)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
72	N ² -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N ² -methyl-N-[3-(trifluoromethyl)phenyl]glycinamide N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]glycinamide	
73	1-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino}-N-[3-(trifluoromethyl)phenyl]cyclopropanecarboxamide	
74	N ² -[2-amino-5-cyano-6-(methylsulfanyl)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide N-2-[2-amino-5-cyano-6-(methylsulfanyl)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	

Table 1

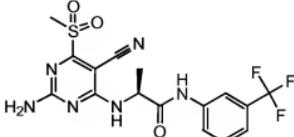
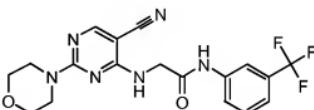
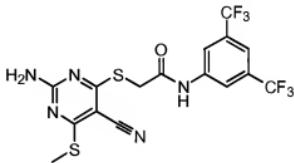
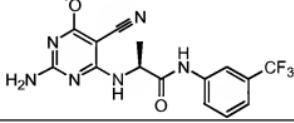
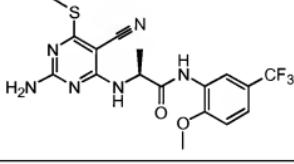
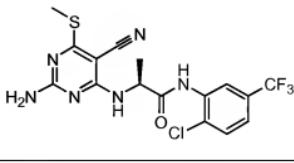
75	<u>N^2-[2-amino-5-cyano-6-(methylsulfonyl)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6-(methylsulfonyl)pyrimidin 4 yl] N-[3-(trifluoromethyl)phenyl] L alaninamide</u>	
76	<u>N^2-[5-cyano-2-morpholin-4-ylpyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-(5 cyano 2 morpholin 4 yl) N-[3-(trifluoromethyl)phenyl]glycinamide</u>	
77	<u>2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[3,5-bis(trifluoromethyl)phenyl]acetamide</u>	
78	<u>N^2-[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6-(methoxy)pyrimidin 4 yl] N-[3-(trifluoromethyl)phenyl] L alaninamide</u>	
79	<u>N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-(methoxy)-5-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6-(methylthio)pyrimidin 4 yl] N-[2-(methoxy)-5-(trifluoromethyl)phenyl] L alaninamide</u>	
80	<u>N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-chloro-5-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6-(methylthio)pyrimidin 4 yl] N-[2-chloro 5 -(trifluoromethyl)phenyl] L alaninamide</u>	

Table 1

81	<u>N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-methyl-N-[3-(trifluoromethyl)phenyl]alaninamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-methyl-N-[3-(trifluoromethyl)phenyl]alaninamide</u>	
82	<u>N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-[4-methylpiperazin-1-yl]carbonylphenyl]-L-alaninamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-[4-methylpiperazin-1-yl]carbonylphenyl]-L-alaninamide</u>	
83	<u>N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-alaninamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-alaninamide</u>	
84	2-[(2-amino-5-cyano-6-morpholin-4-yl)pyrimidin-4-yl]thio]-N-[3-(trifluoromethyl)phenyl]acetamide	
85	(R)-1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]prolinamide	
86	<u>N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u>	

Table 1

	N^2 -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]- N^2 -[2-(dimethylamino)ethyl]-N-[3-(trifluoromethyl)phenyl]glycinamide N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-[2-(dimethylamino)ethyl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
87		
88	N^2 -[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide N-2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
89	N^2 -(2,6-diamino-5-cyanopyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide N-2-(2,6-diamino-5-cyanopyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
90	N^2 -(2-amino-5-cyanopyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide N-2-(2-amino-5-cyanopyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
91	N^2 -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
92	N^2 -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-{[2-(diethylamino)ethyl]oxy}phenyl)-L-alaninamide N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-{[2-(diethylamino)ethyl]oxy}phenyl)-L-alaninamide	

Table 1

93	2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-1,2-dimethyl-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	
94	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-amino-5-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-(2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl)-N-[3-amino-5-(trifluoromethyl)phenyl]-L-alaninamide</u>	
95	ethyl [1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-({[3-(trifluoromethyl)phenyl]amino}carbonyl)hydrazino]acetate	
96	2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-methyl-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	
97	3,5-diamino-4,6-dimethyl-N-[3-(trifluoromethyl)phenyl]furo[2,3-b]pyridine-2-carboxamide	
98	3-amino-4,6-dimethyl-5-nitro-N-[3-(trifluoromethyl)phenyl]furo[2,3-b]pyridine-2-carboxamide	
99	<u>N²-(2-amino-5-cyano-6-hydroxypyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-(2-amino-5-cyano-6-hydroxypyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u>	

Table 1

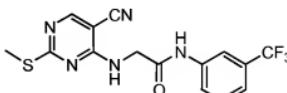
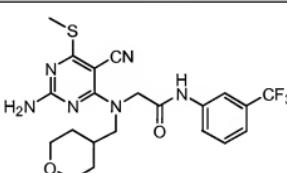
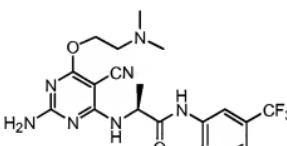
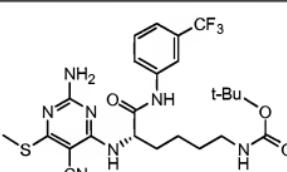
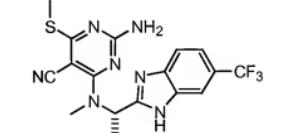
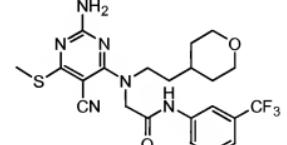
100	<u>N²-[5-cyano-2-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[5 cyano 2 -(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	
101	<u>N'-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N'-[tetrahydro-2H-pyran-4-ylmethyl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2 [2 amino 5 cyano 6-(methylthio)pyrimidin 4 yl] N-2 [tetrahydro 2H pyran 4 ylmethyl] N [3-(trifluoromethyl)phenyl]glycinamide</u>	
102	<u>N²-[2-amino-5-cyano-6-[(2-(dimethylamino)ethyl)oxy]pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2 [2 amino 5 cyano 6 [(2-(dimethylamino)ethyl)oxy]pyrimidin 4 yl] N [3-(trifluoromethyl)phenyl] L-alaninamide</u>	
103	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁶-{[(1,1-dimethylethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysinamide</u> <u>N-2 [2 amino 5 cyano 6-(methylthio)pyrimidin 4 yl] N-6 {[(1,1-dimethylethyl)oxy]carbonyl} N [3-(trifluoromethyl)phenyl] L-lysinamide</u>	
104	2-amino-4-(methylthio)-6-(methyl{(1S)-1-[6-(trifluoromethyl)-1H-benzimidazol-2-yl]ethyl}amino)pyrimidine-5-carbonitrile	
105	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-[2-(tetrahydro-2H-pyran-4-yl)ethyl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2 [2 amino 5 cyano 6-(methylthio)pyrimidin 4 yl] N-2 [2-(tetrahydro 2H pyran 4 yl)ethyl] N [3-(trifluoromethyl)phenyl]glycinamide</u>	

Table 1

106	<u>$\text{N}^2\text{-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-[(2-diethylamino)ethyl]amino}-5-(trifluoromethyl)phenyl]L-alaninamide$</u> <u>$\text{N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-[(2-diethylamino)ethyl]amino}-5-(trifluoromethyl)phenyl]L-alaninamide$</u>	
107	2-amino-4-(methylthio)-6-((1S)-1-[6-(trifluoromethyl)-1H-benzimidazol-2-yl]ethyl)amino)pyrimidin-5-carbonitrile	
108	2-{2-amino-5-cyano-6-[1-(3-trifluoromethyl-phenylcarbamoyl)-1S-ethylamino]-pyrimidin-4-ylamino}-N-(3-trifluoromethyl-phenyl)-2S-propionamide	
109	<u>$\text{N}^2\text{-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N}^2\text{-methyl-N-(3-methylphenyl)glycinamide}$</u> <u>$\text{N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-(3-methylphenyl)glycinamide}$</u>	
110	<u>$\text{N}^2\text{-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N}^2\text{-methyl-N-[3-(1-methylethyl)phenyl]glycinamide}$</u> <u>$\text{N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-(1-methylethyl)phenyl]glycinamide}$</u>	

Table 1

111	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁵-(imino(nitroamino)methyl)-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-5-[imino(nitroamino)methyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	
112	methyl 3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl} amino)-5-(trifluoromethyl)benzoate	
113	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-nitrophenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-nitrophenyl]-L-alaninamide	
114	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-lysinamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-lysinamide	
115	<u>N²-[2-amino-5-cyano-6-(propyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(propyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
116	<u>N²-[5-cyano-2-[(2-(methoxyethyl)amino)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[5-cyano-2-[(2-(methoxyethyl)amino)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	

Table 1

	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-argininamide</u> <u>N-2-[2 amino 5 cyano 6-(methylthio)pyrimidin 4 yl] N-[3-(trifluoromethyl)phenyl] L argininamide</u>	
117		
118	<u>N²-[2-amino-5-cyano-6-(methylsulfinyl)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6-(methylsulfinyl)pyrimidin 4 yl] N-2-methyl-N-[3-(trifluoromethyl)phenyl] L-alaninamide</u>	
119		
120	<u>N²-[2-amino-5-cyano-6-(propyloxy)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6-(propyloxy)pyrimidin 4 yl] N-2-methyl-N-[3-(trifluoromethyl)phenyl] L-alaninamide</u>	
121		
122	<u>N²-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6-(ethoxy)pyrimidin 4 yl] N-2-methyl-N-[3-(trifluoromethyl)phenyl] L-alaninamide</u> <u>N²-{2-amino-5-cyano-6-[(1-methylethyl)oxy]pyrimidin-4-yl}-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6-[(1-methylethyl)oxy]pyrimidin 4 yl] N-[3-(trifluoromethyl)phenyl] L-alaninamide</u>	

Table 1

123	<u>N⁵-acetyl-N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]L-ornithinamide</u> N-5-acetyl-N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]L-ornithinamide	
124	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-aminophenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-aminophenyl]L-alaninamide	
125	3-(N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl)amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	
126	2-(methoxyethoxyethyl ((4S)-4-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino}-5-oxo-5-{[3-(trifluoromethyl)phenyl]amino}pentyl)carbamate	
127	2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	
128	1,1-dimethylethyl ((4S)-4-{[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]amino}-5-oxo-5-{[3-(trifluoromethyl)phenyl]amino}pentyl)carbamate	

Table 1

129	N-2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	
130	3-{(N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-methyl-L-alanyl}amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	
131	3-{(N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-methyl-L-alanyl}amino)-N-[3-(4-methylpiprazin-1-yl)propyl]-5-(trifluoromethyl)benzamide	
132	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-methyl-N-[3-[(trifluoromethyl)oxy]phenyl]-L-alaninamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-[(trifluoromethyl)oxy]phenyl]-L-alaninamide</u>	

Table 1

	$\text{N}^2\text{-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-bromophenyl)-N}^2\text{-methyl-L-alaninamide}$ $\text{N-2-[2 amino 5 cyano 6-(methylthio)pyrimidin-4-yl] N-(3-bromophenyl) N-2-methyl L-alaninamide}$		Chiral
133	$\text{N}^2\text{-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-}\{2\text{-[(2-(dimethylamino)ethoxy}-5-[(trifluoromethyl)oxy]phenyl]\}-\text{N}^2\text{-methyl-L-alaninamide}$ $\text{N-2-[2 amino 5 cyano 6-(methylthio)pyrimidin-4-yl] N-[2-[(2-(dimethylamino)ethoxy}-5-[(trifluoromethyl)oxy]phenyl]\]-N-2-methyl L-alaninamide}$		Chiral
134	$\text{3-(\{N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-methyl-L-alanyl\}amino)-N-(2-morpholin-4-ylethyl)-5-(trifluoromethyl)benzamide}$		Chiral
135	$\text{N}^2\text{-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N}^2\text{-methyl-N-[3-(trifluoromethyl)phenyl]-L-lysinamide}$ $\text{N-2-[2 amino 5 cyano 6-(ethoxy)pyrimidin-4-yl] N-2-methyl N-[3-(trifluoromethyl)phenyl]-L-lysinamide}$		Chiral
136			Chiral

Table 1

137	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-{[2-(dimethylamino)ethyl]oxy}-5-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-{[2-(dimethylamino)ethyl]oxy}-5-(trifluoromethyl)phenyl]-L-alaninamide	 Chiral
138	(2S)-2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino}-3-oxo-3-{[3-(trifluoromethyl)phenyl]amino}propyl acetate	 Chiral
139	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N¹-[3-(trifluoromethyl)phenyl]-L-glutamamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-1-[3-(trifluoromethyl)phenyl]-L-glutamamide	 Chiral
140	2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	 Chiral
141	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl}amino)-N-hydroxy-5-(trifluoromethyl)benzamide	 Chiral

Table 1

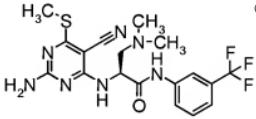
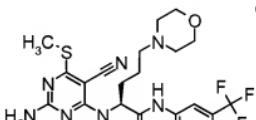
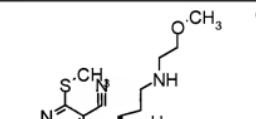
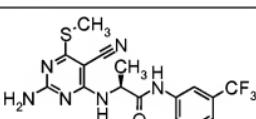
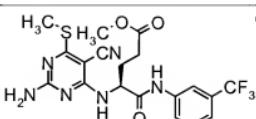
	<u>N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]L-alaninamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]L-alaninamide</u>	 Chiral
142	<u>N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-5-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]L-norvalinamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-5-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]L-norvalinamide</u>	 Chiral
143	<u>N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-(methyloxy)ethyl]-N-[3-(trifluoromethyl)phenyl]L-ornithinamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-(methyloxy)ethyl]-N-[3-(trifluoromethyl)phenyl]L-ornithinamide</u>	 Chiral
144	<u>N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-(methyloxy)ethyl]-N-[3-(trifluoromethyl)phenyl]L-ornithinamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-(methyloxy)ethyl]-N-[3-(trifluoromethyl)phenyl]L-ornithinamide</u>	 Chiral
145	3-($\{N$ -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl]amino)-5-(trifluoromethyl)benzoic acid	 Chiral
146	<u>methyl N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]L-alpha-glutamate</u> <u>methyl N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]L-alpha-glutamate</u>	 Chiral

Table 1

	<chem>N^5-(aminocarbonyl)-N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</chem>		Chiral
147	<chem>N^2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</chem> <chem>N-2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</chem>		Chiral
148	<chem>N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alpha-glutamine</chem> <chem>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alpha-glutamine</chem>		Chiral
149	<chem>N^2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-serinamide</chem> <chem>N-2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-serinamide</chem>		Chiral
150	<chem>N^2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-O-(phenylmethyl)-N-[3-(trifluoromethyl)phenyl]-L-serinamide</chem> <chem>N-2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-O-(phenylmethyl)-N-[3-(trifluoromethyl)phenyl]-L-serinamide</chem>		Chiral
151			

Table 1

152	<p><u>N^2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-argininamide</u></p> <p><u>N^2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-argininamide</u></p>	<p>Chiral</p>
153	<p><u>N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-methyl-N⁶-{[(phenylmethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysinamide</u></p> <p><u>N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-methyl-N⁶-{[(phenylmethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysinamide</u></p>	<p>Chiral</p>
154	<p>Nalpha-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-tyrosinamide</p>	<p>Chiral</p>
155	<p><u>N^5-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u></p> <p><u>N^5-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u></p>	<p>Chiral</p>

Table 1

156	<p><u>N²-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N⁶,N⁶-dimethyl-N-[3-(trifluoromethyl)phenyl]-L-lysinamide</u></p> <p>N-2-[2 amino 5 cyano 6-(ethoxy)pyrimidin 4 yl] N-6,N-6-dimethyl N [3 (trifluoromethyl)phenyl] L-lysinamide</p>	<p>Chiral</p>
157	<p><u>N²-[2-amino-6-(ethoxy)pyrimidin-4-yl]-N-[3-[(4-methylpiperazin-1-yl)carbonyl]-5-(trifluoromethyl)phenyl]-L-alaninamide</u></p> <p>N-2-[2 amino 5 cyano 6-(ethoxy)pyrimidin 4 yl] N-[3 [(4-methylpiperazin 1 yl)carbonyl] 5-(trifluoromethyl)phenyl] L-alaninamide</p>	<p>Chiral</p>
158	<p>3-(N-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-L-alanyl)amino)-N-(3-pyrrolidin-1-ylpropyl)-5-(trifluoromethyl)benzamide</p>	<p>Chiral</p>

Table 1

159	3-(N-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-L-alanyl)amino)-N-(2-morpholin-4-ylethyl)-5-(trifluoromethyl)benzamide	 Chiral
160	3-(N-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-L-alanyl)amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	 Chiral
161	3-(N-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-L-alanyl)amino)-N-[3-(4-methylpiperazin-1-yl)propyl]-5-(trifluoromethyl)benzamide	 Chiral

Table 1

162	<p><u>N²-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N²-methyl-N⁶-{[(phenylmethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysinamide</u></p> <p><u>N-2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-2-methyl-N-6-{[(phenylmethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysinamide</u></p>	<p>Chiral</p>
163	<p>1,1-dimethylethyl ((4S)-4-{[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]amino}-5-oxo-5-[3-(trifluoromethyl)phenyl]amino}pentyl) carbamate</p>	<p>Chiral</p>
164	<p>(2S)-2-{[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]amino}-3-oxo-3-{[3-(trifluoromethyl)phenyl]amino}propyl acetate</p>	<p>Chiral</p>
165	<p>phenylmethyl N²-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alpha-glutamate</p> <p>phenylmethyl N-2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alpha-glutamate</p>	<p>Chiral</p>

Table 1

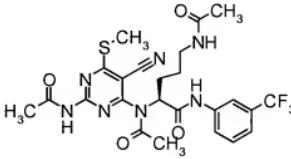
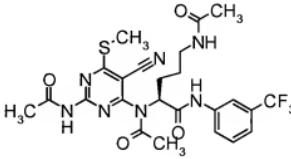
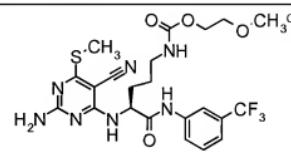
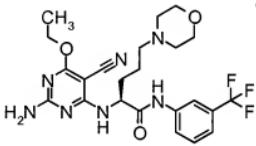
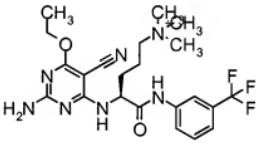
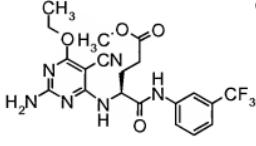
	<u>N²,N⁵-diacetyl-N²-[2-(acetylamino)-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]L-ornithinamide</u>	 Chiral
166	<u>N-2-,N-5-diacyl-N-2-[2-(acetylamino)-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]L-ornithinamide</u>	
167	2-(methoxyethyl) ((4S)-4-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino}-5-oxo-5-{[3-(trifluoromethyl)phenyl]amino}pentyl) carbamate	 Chiral
168	<u>N²-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-5-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]L-norvalinamide</u> <u>N-2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-5-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]L-norvalinamide</u>	 Chiral
169	N-((4S)-4-{[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]amino}-5-oxo-5-{[3-(trifluoromethyl)phenyl]amino}pentyl)-N,N-dimethylmethanaminium	 Chiral
170	<u>Methyl N²-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]L-alpha-glutamate</u> <u>Methyl N-2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]L-alpha-glutamate</u>	 Chiral

Table 1

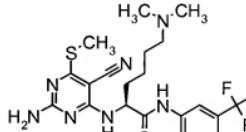
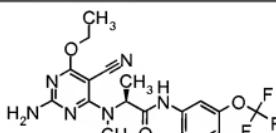
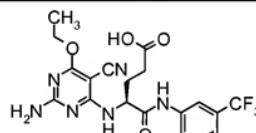
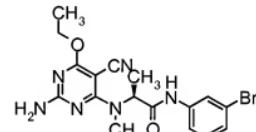
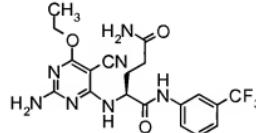
	$\text{N}^2\text{-}[2\text{-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}\text{-}]\text{N}^6\text{-dimethyl-N-[3-(trifluoromethyl)phenyl]-L-lysinamide}$ $\text{N-2-[2 amino 5 cyano 6-(methylthio)pyrimidin 4 yl]-N-6,N-6-dimethyl N-[3-(trifluoromethyl)phenyl] L-lysinamide}$		Chiral
171	$\text{N}^2\text{-}[2\text{-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl}\text{-}]\text{N}^2\text{-methyl-N-[3-(trifluoromethyl)oxy]phenyl-L-alaninamide}$ $\text{N-2-[2 amino 5 cyano 6-(ethoxy)pyrimidin 4 yl]-N-2-methyl N-[3-(trifluoromethyl)oxy]phenyl L-alaninamide}$		Chiral
172	$\text{N}^2\text{-}[2\text{-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl}\text{-}]\text{N}^2\text{-methyl-N-[3-(trifluoromethyl)oxy]phenyl-L-alpha-glutaminic acid}$ $\text{N-2-[2 amino 5 cyano 6-(ethoxy)pyrimidin 4 yl]-N-2-methyl N-[3-(trifluoromethyl)oxy]phenyl L-alpha-glutaminic acid}$		Chiral
173	$\text{N}^2\text{-}[2\text{-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl}\text{-}]\text{N-[3-(trifluoromethyl)phenyl]-L-alpha-glutaminic acid}$ $\text{N-2-[2 amino 5 cyano 6-(ethoxy)pyrimidin 4 yl]-N-[3-(trifluoromethyl)phenyl] L-alpha-glutaminic acid}$		Chiral
174	$\text{N}^2\text{-}[2\text{-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl}\text{-}]\text{N-[3-(trifluoromethyl)phenyl]-L-glutamamide}$ $\text{N-2-[2 amino 5 cyano 6-(ethoxy)pyrimidin 4 yl]-N-[3-(trifluoromethyl)phenyl] N-2-methyl L-glutamamide}$		Chiral
175	$\text{N}^2\text{-}[2\text{-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl}\text{-}]\text{N}^1\text{-[3-(trifluoromethyl)phenyl]-L-glutamamide}$ $\text{N-2-[2 amino 5 cyano 6-(ethoxy)pyrimidin 4 yl]-N-1-[3-(trifluoromethyl)phenyl] L-glutamamide}$		Chiral

Table 1

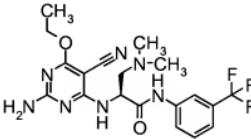
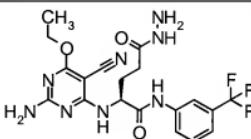
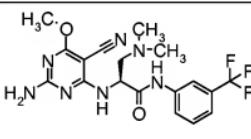
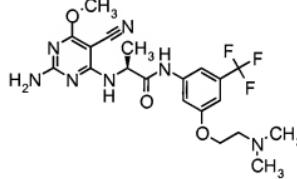
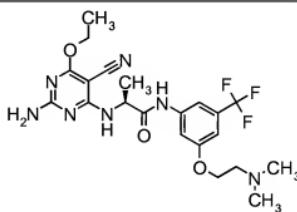
176	<u>N²-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u>	 <p>Chiral</p>
177	<u>2-(2-amino-5-cyano-6-ethoxypyrimidin-4-ylamino)-5-hydrazinyl-5-oxo-N-[3-(trifluoromethyl)phenyl]pentanamide</u> <u>'2-(2-amino-5-cyano-6-ethoxy-pyrimidin-4-ylamino)-4-hydrazinocarbonyl-N-[3-trifluoromethyl phenyl] butyramide</u>	 <p>Chiral</p>
178	<u>N²-[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u>	 <p>Chiral</p>
179	<u>N²-[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-N-[3-[(2-(dimethylamino)ethyl)oxy]-5-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-N-[3-[(2-(dimethylamino)ethyl)oxy]-5-(trifluoromethyl)phenyl]-L-alaninamide</u>	 <p>Chiral</p>
180	<u>N²-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-[(2-(dimethylamino)ethyl)oxy]-5-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-[(2-(dimethylamino)ethyl)oxy]-5-(trifluoromethyl)phenyl]-L-alaninamide</u>	 <p>Chiral</p>

Table 1

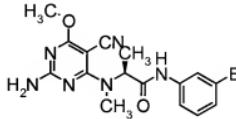
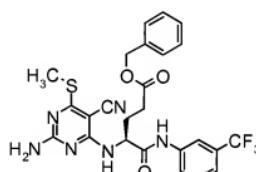
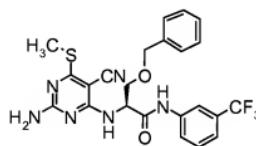
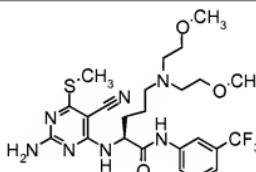
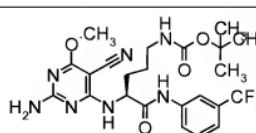
181	<u>N²-[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-N-(3-bromophenyl)-N²-methyl-L-alaninamide</u> N-2-[2 amino 5 cyano 6-(methoxy)pyrimidin 4 yl] N-(3-bromophenyl) N-2-methyl L-alaninamide	 Chiral
182	<u>phenylmethyl N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alpha-glutamate</u> phenylmethyl N-2-[2 amino 5 cyano 6-(methylthio)pyrimidin 4 yl] N-[3-(trifluoromethyl)phenyl] L alpha-glutamate	 Chiral
183	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-O-(phenylmethyl)-N-[3-(trifluoromethyl)phenyl]-L-serinamide</u> N-2-[2 amino 5 cyano 6-(methylthio)pyrimidin 4 yl] O-(phenylmethyl) N-[3-(trifluoromethyl)phenyl] L serinamide	 Chiral
184	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁵,N⁵-bis[2-(methoxyethyl)]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> N-2-[2 amino 5 cyano 6-(methylthio)pyrimidin 4 yl] N-5,N-5-bis[2-(methoxyethyl)]-N-[3-(trifluoromethyl)phenyl] L-ornithinamide	 Chiral
185	1,1-dimethylethyl ((4S)-4-{[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]amino}-5-oxo-5-{{[3-(trifluoromethyl)phenyl]amino}pentyl}carbamate	 Chiral

Table 1

186	<u>N⁵-acetyl-N²-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> <u>N-5-acetyl-N-2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u>	
187	<u>N⁵-acetyl-N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> <u>N-5-acetyl-N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u>	
188	<u>N²-[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-N²-methyl-N-[3-((trifluoromethyl)oxy)phenyl]-L-alaninamide</u> <u>N-2-[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-N-2-methyl-N-[3-((trifluoromethyl)oxy)phenyl]-L-alaninamide</u>	
189	methyl 3-(N-[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-L-alanyl)amino)-5-(trifluoromethyl)benzoate	

Table 1

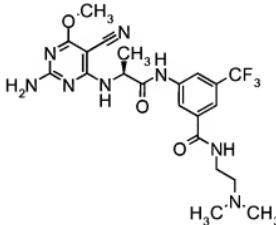
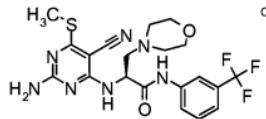
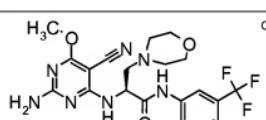
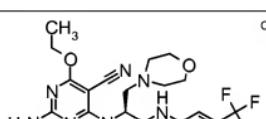
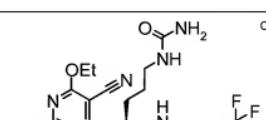
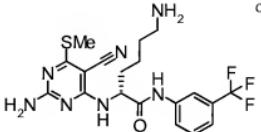
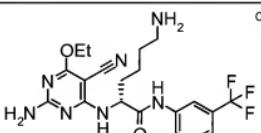
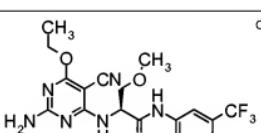
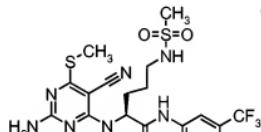
			Chiral
190	3-(<i>{N</i> -[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-L-alanyl}amino)- <i>N</i> -[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide		Chiral
191	<i>N</i> ² -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide <i>N</i> -2-[2 amino 5 cyano 6-(methylthio)pyrimidin 4 yl]-3-morpholin 4 yl N [3-(trifluoromethyl)phenyl] L alaninamide		Chiral
192	<i>N</i> ² -[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide <i>N</i> -2-[2 amino 5 cyano 6-(methoxy)pyrimidin 4 yl]-3-morpholin 4 yl N [3-(trifluoromethyl)phenyl] L alaninamide		Chiral
193	<i>N</i> ² -[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide <i>N</i> -2-[2 amino 5 cyano 6-(ethoxy)pyrimidin 4 yl]-3-morpholin 4 yl N [3-(trifluoromethyl)phenyl] L alaninamide		Chiral
194	<i>N</i> ⁵ -(aminocarbonyl)- <i>N</i> ² -[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]- <i>N</i> -[3-(trifluoromethyl)phenyl]-L-ornithinamide <i>N</i> -5-(aminocarbonyl)- <i>N</i> -2-[2 amino 5 cyano 6 (ethoxy)pyrimidin 4 yl]- <i>N</i> [3-(trifluoromethyl)phenyl]-L-ornithinamide		

Table 1

195	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-lysinamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-lysinamide</u>	
196	<u>N²-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-lysinamide</u> <u>N-2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-lysinamide</u>	
197	<u>N²-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-O-methyl-N-[3-(trifluoromethyl)phenyl]-L-serinamide</u> <u>N-2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-O-methyl-N-[3-(trifluoromethyl)phenyl]-L-serinamide</u>	
198	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁵-(methylsulfonyl)-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁵-(methylsulfonyl)-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u>	

2. Please replace Table 2 with the following,

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
1	2-[3-cyano-4,6-dimethyl-5-nitropyridin-2-yl]oxy]-N-[3-(trifluoromethyl)phenyl]acetamide	A	D	D
2	<u>N²-(2-amino-6-chloropyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-(2-amino-6-chloropyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	A	D	D
3	[2-amino-6-(methylthio)pyrimidin-4-yl]methyl [3-(trifluoromethyl)phenyl]carbamate	A	D	
4	2-{\[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[5-(trifluoromethyl)pyridin-2-yl]acetamide	A	D	D
5	<u>N²-(2-amino-6-(methylthio)pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-(2-amino-6-(methylthio)pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	A	D	D
6	2-{\[2-amino-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	A	D	D
7	2-{\[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[3-(methoxyloxy)phenyl]acetamide	A	D	D
8	<u>N²-(2-amino-6-morpholin-4-yl)pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-(2-amino-6-morpholin-4-yl)pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	A		D
9	2-{\[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(4-chlorophenyl)acetamide	A	D	D
10	2-{\[2-amino-6-(1H-1,2,3-benzotriazol-1-yloxy)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	A	D	D
11	2-{\[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(3-chlorophenyl)acetamide	A	D	
12	<u>N²-(2-amino-6-chloro-5-formyl)pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-(2-amino-6-chloro-5-formyl)pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	A	D	D
13	<u>N²-(2-amino-5-formyl-6-(methylthio)pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-(2-amino-5-formyl-6-(methylthio)pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	B	D	D
14	2-{\[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	B	D	D
15	2-[(2-amino-6-chloropyrimidin-4-yl)thio]-N-[3-(trifluoromethyl)phenyl]acetamide	B	D	

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
16	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-methyl-N-[3-(trifluoromethyl)phenyl]acetamide	B	D	D
17	<u>N²-[4-amino-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[4 amino 6 (methylthio) 1,3,5 triazin-2-yl] N [3-(trifluoromethyl)phenyl]glycinamide</u>	B	D	D
18	<u>N²-[4-(dimethylamino)-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[4 (dimethylamino) 6 (methylthio) 1,3,5 triazin-2-yl] N [3 (trifluoromethyl)phenyl]glycinamide</u>	B	D	D
19	<u>N²-[4-(methylamino)-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[4 (methylamino) 6 (methylthio) 1,3,5 triazin-2-yl] N [3 (trifluoromethyl)phenyl]glycinamide</u>	B	D	
20	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin-4-yl] N-[3 (trifluoromethyl)phenyl]glycinamide</u>	B	D	D
21	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	A	D	D
22	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[3-(butyloxy)phenyl]acetamide	A	D	D
23	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-1,3-benzothiazol-2-ylacetamide	A	D	
24	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(5-ethyl-1,3,4-thiadiazol-2-yl)acetamide	A	D	D
25	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(4-methyl-1,3-thiazol-2-yl)acetamide	A	D	D
26	2-amino-4-{[2-(3,5-dimethyl-1H-pyrazol-1-yl)-2-oxoethyl]thio}-6-(methylthio)pyrimidine-5-carbonitrile	A	D	D
27	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-1,3-thiazol-2-ylacetamide	A	D	D
28	ethyl 5-[({[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio} acetyl)amino]-4-cyano-3-methylthiophene-2-carboxylate	A	D	D
29	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-pyridin-2-ylacetamide	A	D	D
30	2-amino-4-({2-[2,5-bis(methyloxy)phenyl]-2-oxoethyl}thio)-6-(methylthio)pyrimidine-5-carbonitrile	A	D	D
31	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[4-fluoro-3-(trifluoromethyl)phenyl]acetamide	A	D	D
32	2-[(2,6-diaminopyrimidin-4-yl)thio]-N-[4-fluoro-3-(trifluoromethyl)phenyl]acetamide	A	D	D

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
33	2-[(2,6-diaminopyrimidin-4-yl)thio]-N-[3-(trifluoromethyl)phenyl]acetamide	A	D	D
34	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-[4-chloro-3-(trifluoromethyl)phenyl]acetamide	A	D	D
35	2-amino-4-(methylthio)-6-({2-oxo-1-[3-(trifluoromethyl)phenyl]pyrrolidin-3-yl}thio)pyrimidine-5-carbonitrile	A	D	D
36	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-[6-(trifluoromethyl)pyridin-2-yl]acetamide	A	D	D
37	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-[4-(trifluoromethyl)pyridin-2-yl]acetamide	A	D	D
38	{6-(methylthio)-2-[(phenylmethyl)amino]pyrimidin-4-yl} methyl [3-(trifluoromethyl)phenyl]carbamate	A	D	D
39	[6-(methylamino)-2-(methylthio)pyrimidin-4-yl]methyl [3-(trifluoromethyl)phenyl]carbamate	A	D	D
40	{2-(methylthio)-6-[(phenylmethyl)amino]pyrimidin-4-yl} methyl [3-(trifluoromethyl)phenyl]carbamate	A	D	D
41	2-{{2-(acetylamino)-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-[3-(trifluoromethyl)phenyl]acetamide	B		
42	(2S)-2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}oxy}-N-[3-(trifluoromethyl)phenyl]propanamide	B		
43	2-{{2-amino-6-chloro-5-formylpyrimidin-4-yl}thio}-N-[3-(trifluoromethyl)phenyl]acetamide	B	D	
[[44]]	N-2-[2-amino-5-(hydroxymethyl)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycineamide	[[B]]	[[D]]	[[D]]
45	2-{{2-amino-5-formyl-6-(methylamino)pyrimidin-4-yl}thio}-N-[3-(trifluoromethyl)phenyl]acetamide	B		
46	2-{{2-amino-5-formyl-6-(methylthio)pyrimidin-4-yl}oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	B		
47	2-{{4-amino-6-(methylthio)-1,3,5-triazin-2-yl}oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	B		
48	2-{{2-amino-6-(methylthio)pyrimidin-4-yl}thio}-N-[3-(trifluoromethyl)phenyl]acetamide	B		
49	2-amino-4-(methylthio)-6-{{2-oxo-2-(3-oxo-3,4-dihydro-2H-1,4-benzoxazin-6-yl)ethyl}thio}pyrimidine-5-carbonitrile	B	D	D
50	2-{{(2-amino-6-chloro-5-formylpyrimidin-4-yl)oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	B		
51	2-{{2-amino-5-formyl-6-(phenylthio)pyrimidin-4-yl}thio}-N-[3-(trifluoromethyl)phenyl]acetamide	B		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
52	2-{{2-amino-5-(hydroxymethyl)-6-(phenylthio)pyrimidin-4-yl}thio}-N-[3-(trifluoromethyl)phenyl]acetamide	B		
53	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-[2-methyl-3-(trifluoromethyl)phenyl]acetamide	C		
54	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-[2-(methyloxy)-5-(trifluoromethyl)phenyl]acetamide	C		
55	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-[2-chloro-5-(trifluoromethyl)phenyl]acetamide	C		
56	2-{{2-amino-5-(hydroxymethyl)-6-(methylthio)pyrimidin-4-yl}oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	C		
57	N ² -(6-amino-1H-pyrazolo[3,4-d]pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide N-2-(6 amino 1H pyrazolo[3,4-d]pyrimidin-4 yl) N-[3-(trifluoromethyl)phenyl]glycinamide	C		
58	N ² -[2-amino-5-[(E)-hydrazonomethyl]-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide N-2-[2 amino 5 [(E) hydrazonomethyl] 6-(methylthio)pyrimidin 4 yl] N [3-(trifluoromethyl)phenyl]glycinamide	C		
59	N ² -[2-amino-5-[(E)-(hydroxyimino)methyl]-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide N-2-[2 amino 5 [(E) (hydroxyimino)methyl] 6-(methylthio)pyrimidin 4 yl] N [3-(trifluoromethyl)phenyl]glycinamide	C		
60	N ² -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N [3-(trifluoromethyl)phenyl] L alaninamide	C		
61	2-{{2-amino-5-cyano-6-(methylamino)pyrimidin-4-yl}thio}-N-[3-(trifluoromethyl)phenyl]acetamide	C		
62	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-[2-amino-5-(trifluoromethyl)phenyl]acetamide	C		
63	2-amino-4-(methylthio)-6-({[6-(trifluoromethyl)-1H-benzimidazol-2-yl]methyl}thio)pyrimidine-5-carbonitrile	C		
64	2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	C		
65	N ² -[5-cyano-2-(methylamino)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide N-2-[5 cyano 2 (methylamino) 6 (methylthio)pyrimidin 4 yl] N [3-(trifluoromethyl)phenyl]glycinamide	C		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
66	2-{{[2-amino-5-cyano-6-(dimethylamino)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	C		
67	(S)-1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]prolinamide	C		
68	(2R)-2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]propanamide	C		
69	1-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]cyclopropanecarboxamide	C		
70	(2S)-2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy}-3-methyl-N-[3-(trifluoromethyl)phenyl]butanamide	D		
71	<u>N²-[5-cyano-2-(dimethylamino)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-[5 cyano 2 (dimethylamino) 6 - (methylthio) pyrimidin 4 yl] N [3 - (trifluoromethyl) phenyl] glycineamide	D		
72	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[2 amino 5 cyano 6 (methylthio) pyrimidin 4 yl] N-2-methyl N [3 -(trifluoromethyl) phenyl] glycineamide</u>	D		
73	1-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino}-N-[3-(trifluoromethyl)phenyl]cyclopropanecarboxamide	D		
74	<u>N²-[2-amino-5-cyano-6-(methylsulfinyl)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6 (methylsulfinyl) pyrimidin 4 yl]-N [3 -(trifluoromethyl) phenyl] L alaninamide</u>	D		
75	<u>N²-[2-amino-5-cyano-6-(methylsulfonyl)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6 (methylsulfonyl) pyrimidin 4 yl]-N [3 -(trifluoromethyl) phenyl] L alaninamide</u>	D		
76	<u>N²-[5-cyano-2-morpholin-4-ylpyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[5 cyano 2 morpholin 4 ylpyrimidin 4 yl] N [3 -(trifluoromethyl) phenyl] glycineamide</u>	D		
77	2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[3,5-bis(trifluoromethyl)phenyl]acetamide	D		
78	<u>N²-[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6 (methoxy)pyrimidin 4 yl] N [3 -(trifluoromethyl) phenyl] L alaninamide</u>	D		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
79	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-(methoxy)-5-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2 [2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-[2 (methoxy) 5 (trifluoromethyl)phenyl] L alaninamide</u>	D		
80	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-chloro-5-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2 [2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-[2 chloro 5 (trifluoromethyl)phenyl] L alaninamide</u>	D		
81	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-methyl-N-[3-(trifluoromethyl)phenyl]alaninamide</u> <u>N-2 [2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] 2-methyl N [3 (trifluoromethyl)phenyl]alaninamide</u>	D		
82	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-[(4-methylpiperazin-1-yl)carbonyl]phenyl]-L-alaninamide</u> <u>N-2 [2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-[3 [(4 methylpiperazin 1 yl)carbonyl]phenyl] L alaninamide</u>	D		
83	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-alaninamide</u> <u>N-2 [2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-[3 (trifluoromethyl)phenyl] D alaninamide</u>	D		
84	2-[(2-amino-5-cyano-6-morpholin-4-yl)thio]-N-[3-(trifluoromethyl)phenyl]acetamide	D		
85	(R)-1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]prolinamide	D		
86	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> <u>N-2 [2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-[3 (trifluoromethyl)phenyl] L ornithinamide</u>	D		
87	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(2-dimethylaminoethyl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2 [2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-2 [2 (dimethylamino)ethyl] N-[3 (trifluoromethyl)phenyl] glycinamide</u>	D		
88	<u>N²-[2-amino-5-cyano-6-(ethylxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2 [2 amino 5 cyano 6 (ethyloxy)pyrimidin 4 yl] N [3 (trifluoromethyl)phenyl] L alaninamide</u>	D		
89	<u>N²-[2,6-diamino-5-cyanopyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2 (2,6 diamino 5 cyanopyrimidin 4 yl) N [3 (trifluoromethyl)phenyl] L alaninamide</u>	D		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
90	<u>N²-(2-amino-5-cyanopyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-(2-amino-5-cyanopyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u>	D		
91	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u>	D		
92	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-{[2-(diethylamino)ethyl]oxy}phenyl]-L-alaninamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-{[2-(diethylamino)ethyl]oxy}phenyl]-L-alaninamide</u>	D		
93	2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-1,2-dimethyl-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	D		
94	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-amino-5-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-amino-5-(trifluoromethyl)phenyl]-L-alaninamide</u>	D		
95	ethyl [1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-({[3-(trifluoromethyl)phenyl]amino}carbonyl)hydrazinacetate	D		
96	2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-methyl-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	D		
97	3,5-diamino-4,6-dimethyl-N-[3-(trifluoromethyl)phenyl]furo[2,3-b]pyridine-2-carboxamide	D		
98	3-amino-4,6-dimethyl-5-nitro-N-[3-(trifluoromethyl)phenyl]furo[2,3-b]pyridine-2-carboxamide	D		
99	<u>N²-(2-amino-5-cyano-6-hydroxypyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-(2-amino-5-cyano-6-hydroxypyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u>	D		
100	<u>N²-[5-cyano-2-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[5-cyano-2-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	D	D	

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
101	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-</u> <u>(tetrahydro-2H-pyran-4-ylmethyl)-N-[3-</u> <u>(trifluoromethyl)phenyl]glycinamide</u> <u>N-2 [2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-2</u> <u>(tetrahydro 2H pyran 4 ylmethyl) N [3-</u> <u>(trifluoromethyl)phenyl]glycinamide</u>	D	D	
102	<u>N²-[2-amino-5-cyano-6-{[2-</u> <u>(dimethylamino)ethyl]oxy}pyrimidin-4-yl]-N-[3-</u> <u>(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2 [2 amino 5 cyano 6 {[2-</u> <u>(dimethylamino)ethyl]oxy}pyrimidin 4 yl] N [3-</u> <u>(trifluoromethyl)phenyl] L alaninamide</u>	D		
103	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁶-</u> <u>{[(1,1-dimethylethyl)oxy]carbonyl}-N-[3-</u> <u>(trifluoromethyl)phenyl]-L-lysinamide</u> <u>N-2 [2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-6</u> <u>{[(1,1 dimethylethyl)oxy]carbonyl} N [3-</u> <u>(trifluoromethyl)phenyl] L lysinamide</u>	D		
104	2-amino-4-(methylthio)-6-(methyl{(1S)-1-[6-(trifluoromethyl)-1H-benzimidazol-2-yl]ethyl}amino)pyrimidine-5-carbonitrile	D		
105	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-</u> <u>[2-(tetrahydro-2H-pyran-4-yl)ethyl]-N-[3-</u> <u>(trifluoromethyl)phenyl]glycinamide</u> <u>N-2 [2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-2</u> <u>[2-(tetrahydro-2H-pyran 4 yl)ethyl] N [3-</u> <u>(trifluoromethyl)phenyl]glycinamide</u>	D		
106	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-</u> <u>{[2-(diethylamino)ethyl]amino}-5-</u> <u>(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2 [2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-</u> <u>[3-{[2-(diethylamino)ethyl]amino}-5-</u> <u>(trifluoromethyl)phenyl] L alaninamide</u>	D		
107	2-amino-4-(methylthio)-6-((1S)-1-[6-(trifluoromethyl)-1H-benzimidazol-2-yl]ethyl)amino)pyrimidine-5-carbonitrile	D		
108	2-{2-amino-5-cyano-6-[1-(3-trifluoromethyl-phenylcarbamoyl)-1S-ethylamino]-pyrimidin-4-ylamino}-N-(3-trifluoromethyl-phenyl)-2S-propionamide	D		
109	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-</u> <u>methyl-N-(3-methylphenyl)glycinamide</u> <u>N-2 [2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-2</u> <u>methyl N (3 methylphenyl)glycinamide</u>	D		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
110	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-methyl-N-[3-(1-methylethyl)phenyl]glycinamide</u> <u>N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-2-methyl N [3 (1 methylethyl)phenyl]glycinamide</u>	D		
111	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁵-[imino(nitroamino)methyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> <u>N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-5-[imino(nitroamino)methyl] N [3 (trifluoromethyl)phenyl] L ornithinamide</u>	D		
112	methyl 3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl}amino)-5-(trifluoromethyl)benzoate	D	D	
113	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-nitrophenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-[3-nitrophenyl] L alaninamide</u>	D		
114	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-lysinamide</u> <u>N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-[3-(trifluoromethyl)phenyl] L lysinamide</u>	D		
115	<u>N²-[2-amino-5-cyano-6-(propyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6 (propyloxy)pyrimidin 4 yl] N-[3-(trifluoromethyl)phenyl] L alaninamide</u>	B		
116	<u>N²-[5-cyano-2-[(2-(methoxy)ethyl]amino]-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[5 cyano 2 [(2 (methoxy)ethyl]amino] 6-(methylthio)pyrimidin 4 yl] N [3-(trifluoromethyl)phenyl] L alaninamide</u>	D		
117	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-argininamide</u> <u>N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-[3-(trifluoromethyl)phenyl] L argininamide</u>	D		
118	<u>N²-[2-amino-5-cyano-6-(methylsulfinyl)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6 (methylsulfinyl)pyrimidin 4 yl] N-2 methyl N [3 (trifluoromethyl)phenyl] L alaninamide</u>	D		
119	<u>N²-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6 (methyloxy)pyrimidin 4 yl] N-2-methyl N [3 (trifluoromethyl)phenyl] L alaninamide</u>	D		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
120	<u>N²-[2-amino-5-cyano-6-(propyloxy)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6 (propyloxy)pyrimidin 4 yl] N-2-methyl N [3 (trifluoromethyl)phenyl] L alaninamide</u>	D		
121	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6 (ethyloxy)pyrimidin 4 yl] N-2-methyl N [3 (trifluoromethyl)phenyl] L alaninamide</u>	D		
122	<u>N²-[2-amino-5-cyano-6-[(1-methylethyl)oxy]pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6 [(1 methylethyl)oxy]pyrimidin 4 yl] N [3 (trifluoromethyl)phenyl] L alaninamide</u>	D		
123	<u>N⁵-acetyl-N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> <u>N-5 acetyl N-2 [2 amino 5 cyano 6-(methylthio)pyrimidin 4 yl] N [3-(trifluoromethyl)phenyl] L ornithinamide</u>	D		
124	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-aminophenyl)-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-(3-aminophenyl) L alaninamide</u>	D		
125	<u>3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl}amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide</u>	D		
126	<u>2-(methyloxy)ethyl ((4S)-4-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino}-5-oxo-5-{{[3-(trifluoromethyl)phenyl]amino}pentyl}carbamate</u>	D		
127	<u>2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide</u>	D		
128	<u>1,1-dimethylethyl ((4S)-4-{{[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]amino}-5-oxo-5-{{[3-(trifluoromethyl)phenyl]amino}pentyl}carbamate</u>	D		
129	<u>N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u>	D	D	D
130	<u>3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-methyl-L-alanyl}amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide</u>	A	D	D
131	<u>3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-methyl-L-alanyl}amino)-N-[3-(4-methylpiperazin-1-yl)propyl]-5-(trifluoromethyl)benzamide</u>	A	D	D

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
132	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-methyl-N-[3-{[(trifluoromethyl)oxy]phenyl}-L-alaninamide</u> N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl]-N-2-methyl N [3 [(trifluoromethyl)oxy]phenyl] L-alaninamide	A	D	D
133	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-bromophenyl)-N²-methyl-L-alaninamide</u> N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-(3 bromophenyl) N-2-methyl L-alaninamide	A	D	D
134	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-{[2-(dimethylamino)ethyl]oxy}-5-[(trifluoromethyl)oxy]phenyl]-N²-methyl-L-alaninamide</u> N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-[2 {[2-(dimethylamino)ethyl]oxy}-5 [(trifluoromethyl)oxy]phenyl] N-2-methyl L-alaninamide	A	D	D
135	3-(N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-methyl-L-alanyl)amino)-N-(2-morpholin-4-ylethyl)-5-(trifluoromethyl)benzamide	A	D	D
136	<u>N²-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]-L-lysinamide</u> N-2-[2 amino 5 cyano 6 (ethoxy)pyrimidin 4 yl]-N-2-methyl N [3 (trifluoromethyl)phenyl] L-lysinamide	A	D	D
137	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-{[2-(dimethylamino)ethyl]oxy}-5-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-[3 {[2-(dimethylamino)ethyl]oxy}-5 (trifluoromethyl)phenyl] L-alaninamide	A	D	D
138	(2S)-2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino}-3-oxo-3-{[3-(trifluoromethyl)phenyl]amino} propyl acetate	B	D	D
139	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N¹-[3-(trifluoromethyl)phenyl]-L-glutamamide</u> N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl]-N-1-[3 (trifluoromethyl)phenyl] L-glutamamide	B		
140	2-[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]hydrazinocarboxamide	B	D	D
141	3-(N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl)amino)-N-hydroxy-5-(trifluoromethyl)benzamide	B	D	D

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
142	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] 3-(dimethylamino) N [3 (trifluoromethyl)phenyl] L-alaninamide</u>	B	D	D
143	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-5-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-norvalinamide</u> <u>N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] 5-morpholin 4 yl N [3 (trifluoromethyl)phenyl] L-norvalinamide</u>	B		
144	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁵-[2-(methoxyethyl)-N-[3-(trifluoromethyl)phenyl]-L-orithinamide</u> <u>N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-5-[2 (methoxyethyl) N [3-(trifluoromethyl)phenyl] L orithinamide</u>	C		
145	<u>3-(N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl) amino-5-(trifluoromethyl)benzoic acid</u>	C		
146	<u>methyl N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutaminatate</u> <u>methyl N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N [3 (trifluoromethyl)phenyl] L alpha glutaminatate</u>	C		
147	<u>N⁵-(aminocarbonyl)-N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-orithinamide</u> <u>N-5-(aminocarbonyl) N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N [3-(trifluoromethyl)phenyl] L orithinamide</u>	C	D	
148	<u>N²-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-orithinamide</u> <u>N-2-[2 amino 5 cyano 6 (ethoxy)pyrimidin 4 yl] N-[3-(trifluoromethyl)phenyl] L orithinamide</u>	C	D	
149	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamine</u> <u>N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-[3-(trifluoromethyl)phenyl] L alpha glutamine</u>	C		
150	<u>N²-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-serinamide</u> <u>N-2-[2 amino 5 cyano 6 (ethoxy)pyrimidin 4 yl] N-[3-(trifluoromethyl)phenyl] L serinamide</u>	C		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
151	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-O-(phenylmethyl)-N-[3-(trifluoromethyl)phenyl]-L-serinamide</u> N-2-[2 amino 5 cyano 6 (ethyloxy)pyrimidin 4 yl] O-(phenylmethyl) N [3 (trifluoromethyl)phenyl] L serinamide	D		
152	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-argininamide</u> N-2-[2 amino 5 cyano 6 (ethyloxy)pyrimidin 4 yl] N [3 (trifluoromethyl)phenyl] L argininamide	D		
153	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-methyl-N⁶-{[(phenylmethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysinamide</u> N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl]-N-2-methyl N-6-{[(phenylmethyl)oxy]carbonyl} N [3 (trifluoromethyl)phenyl] L lysinamide	D		
154	Nalpha-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-tyrosinamide	D		
155	<u>N⁵-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> N-5-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N [3 (trifluoromethyl)phenyl] L ornithinamide	D		
156	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N⁶,N⁶-dimethyl-N-[3-(trifluoromethyl)phenyl]-L-lysinamide</u> N-2-[2 amino 5 cyano 6 (ethyloxy)pyrimidin 4 yl]-N-6,N-6-dimethyl N [3 (trifluoromethyl)phenyl] L lysinamide	D		
157	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-[(4-methylpiperazin-1-yl)carbonyl]-5-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2 amino 5 cyano 6 (ethyloxy)pyrimidin 4 yl] N [3-[(4-methylpiperazin 1 yl)carbonyl] 5 (trifluoromethyl)phenyl] L alaninamide	D		
158	3-(N-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl)amino)-N-(3-pyrrolidin-1-ylpropyl)-5-(trifluoromethyl)benzamide	D		
159	3-(N-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl)amino)-N-(2-morpholin-4-ylethyl)-5-(trifluoromethyl)benzamide	D		
160	3-(N-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl)amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	D	D	

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
161	3-(<i>{N</i> -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl} amino)-N-[3-(4-methyl(piperazin-1-yl)propyl]-5-(trifluoromethyl)benzamide	D		
162	<u>N</u> ² -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N ² -methyl-N ⁶ -{[(phenylmethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysinamide <u>N</u> -2-[2 amino 5 cyano 6 (ethyloxy)pyrimidin 4 yl]- <u>N</u> -2-methyl N-6 -{[(phenylmethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysinamide	D		
163	1,1-dimethylethyl ((4 <i>S</i>)-4- <i>{[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]amino}</i> -5-oxo-5- <i>{[3-(trifluoromethyl)phenyl]amino}</i> pentyl)carbamate	D		
164	(2 <i>S</i>)-2- <i>{[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]amino}</i> -3-oxo-3- <i>{[3-(trifluoromethyl)phenyl]amino}</i> propyl acetate	D		
165	<u>phenylmethyl N</u> ² -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L- α -glutaminic <u>phenylmethyl N</u> -2-[2 amino 5 cyano 6 -(ethyloxy)pyrimidin 4 yl]-N-[3-(trifluoromethyl)phenyl]-L alpha glutaminic	D		
166	<u>N</u> ² , <u>N</u> ⁵ -diacetyl- <u>N</u> ² -[2-(acetylamino)-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide <u>N</u> -2-, <u>N</u> -5 -diacetyl N-2-[2 (acetylamino) 5 cyano 6 -(methylthio)pyrimidin 4 yl]-N-[3-(trifluoromethyl)phenyl]-L ornithinamide	D		
167	2-(methyloxy)ethyl ((4 <i>S</i>)-4- <i>{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino}</i> -5-oxo-5- <i>{[3-(trifluoromethyl)phenyl]amino}</i> pentyl)carbamate	D		
168	<u>N</u> ² -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-5-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-norvalinamide <u>N</u> -2-[2 amino 5 cyano 6 (ethyloxy)pyrimidin 4 yl]-5-morpholin 4 yl N-[3 (trifluoromethyl)phenyl]-L-norvalinamide	D		
169	N-((4 <i>S</i>)-4- <i>{[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]amino}</i> -5-oxo-5- <i>{[3-(trifluoromethyl)phenyl]amino}</i> pentyl)-N,N-dimethylmethanaminium	D		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
170	Methyl N ² -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L- α -glutaminatc Methyl N-2-[2 amino 5 cyano 6 (ethyloxy)pyrimidin 4-yl] N [3 (trifluoromethyl)phenyl] L alpha glutaminatc	D		
171	N ² -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N ⁶ ,N ⁶ -dimethyl-N-[3-(trifluoromethyl)phenyl]-L-lysinamide N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4-yl]-N-6,N-6-dimethyl N [3 (trifluoromethyl)phenyl] L-lysinamide	D		
172	N ² -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N ² -methyl-N-[3-[(trifluoromethyl)oxy]phenyl]-L-alaninamide N-2-[2 amino 5 cyano 6 (ethyloxy)pyrimidin 4-yl]-N-2-methyl N [3 [(trifluoromethyl)oxy]phenyl] L-alaninamide	D	D	
173	N ² -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L- α -glutamine N-2-[2 amino 5 cyano 6 (ethyloxy)pyrimidin 4-yl] N-[3-(trifluoromethyl)phenyl] L alpha glutamine	D		
174	N ² -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-(3-bromophenyl)-N ² -methyl-L-alaninamide N-2-[2 amino 5 cyano 6 (ethyloxy)pyrimidin 4-yl] N-(3 bromophenyl) N-2-methyl L alaninamide	D		
175	N ² -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-glutamamide N-2-[2 amino 5 cyano 6 (ethyloxy)pyrimidin 4-yl] N-1-[3 (trifluoromethyl)phenyl] L glutamamide	D		
176	N ² -[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide N-2-[2 amino 5 cyano 6 (ethyloxy)pyrimidin 4-yl] 3-(dimethylamino) N [3 (trifluoromethyl)phenyl] L alaninamide	D		
177	2-(2-amino-5-cyano-6-ethoxy)pyrimidin-4-ylamino)-5-hydrazinyl-5-oxo-N-(3-(trifluoromethyl)phenyl)pentanamide Structure possibly contains amino acid derivative which is not supported in current version!	D		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
178	<u>N²-[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6 (methoxy)pyrimidin 4 yl] 3-(dimethylamino) N [3 (trifluoromethyl)phenyl] L-alaninamide</u>	D		
179	<u>N²-[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-N-[3-{[2-(dimethylamino)ethyl]oxy}-5-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6 (methoxy)pyrimidin 4 yl] N-[3 {[2 (dimethylamino)ethyl]oxy} 5-(trifluoromethyl)phenyl] L-alaninamide</u>	D		
180	<u>N²-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-{[2-(dimethylamino)ethyl]oxy}-5-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6 (ethoxy)pyrimidin 4 yl] N-[3 {[2 (dimethylamino)ethyl]oxy} 5-(trifluoromethyl)phenyl] L-alaninamide</u>	D		
181	<u>N²-[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-N-(3-bromophenyl)-N²-methyl-L-alaninamide</u> <u>N-2-[2 amino 5 cyano 6 (methoxy)pyrimidin 4 yl] N-(3 bromophenyl) N-2-methyl L-alaninamide</u>	D		
182	<u>phenylmethyl N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamate</u> <u>phenylmethyl N-2-[2 amino 5 cyano 6-(methylthio)pyrimidin 4 yl] N [3-(trifluoromethyl)phenyl] L-α-glutamate</u>	D		
183	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-O-(phenylmethyl)-N-[3-(trifluoromethyl)phenyl]-L-serinamide</u> <u>N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] O-(phenylmethyl) N [3 (trifluoromethyl)phenyl] L-serinamide</u>	D		
184	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N₅,N⁵-bis[2-(methoxy)ethyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> <u>N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-5,N-5-bis[2 (methoxy)ethyl] N [3-(trifluoromethyl)phenyl] L-ornithinamide</u>	D		
185	1,1-dimethylethyl ((4S)-4-[(2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl)amino]-5-oxo-5-[(3-(trifluoromethyl)phenyl)amino]pentyl)carbamate	D		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
186	<u>N^5-acetyl-N^2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> N^5 -acetyl N-2-[2 amino 5 cyano 6-(ethoxy)pyrimidin 4 yl] N [3 (trifluoromethyl)phenyl] L ornithinamide	D		
187	<u>N^5-acetyl-N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> N^5 -acetyl N-2-[2 amino 5 cyano 6-(methylthio)pyrimidin 4 yl] N [3 (trifluoromethyl)phenyl] L ornithinamide	D		
188	<u>N^2-[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-N^2-methyl-N-[3-[trifluoromethyl]oxy]phenyl]-L-alaninamide</u> N -2-[2 amino 5 cyano 6 (methoxy)pyrimidin 4 yl]- N -2-methyl N [3 [(trifluoromethyl)oxy]phenyl] L alaninamide	D		
189	methyl 3-($\{N$ -[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-L-alanyl]amino)-5-(trifluoromethyl)benzoate	D		
190	3-($\{N$ -[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-L-alanyl]amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	D		
191	<u>N^2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N -2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] 3-morpholin 4 yl N [3 (trifluoromethyl)phenyl] L alaninamide	D		
192	<u>N^2-[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N -2-[2 amino 5 cyano 6 (methoxy)pyrimidin 4 yl] 3-morpholin 4 yl N [3 (trifluoromethyl)phenyl] L alaninamide	D		
193	<u>N^2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N -2-[2 amino 5 cyano 6 (ethoxy)pyrimidin 4 yl] 3-morpholin 4 yl N [3 (trifluoromethyl)phenyl] L alaninamide	D		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
194	<u>N⁵-(aminocarbonyl)-N²-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> <u>N-5-(aminocarbonyl) N-2-[2 amino 5 cyano 6-(ethoxy)pyrimidin 4 yl] N [3 (trifluoromethyl)phenyl]-L ornithinamide</u>	D	D	
195	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-lysinamide</u> <u>N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-[3 (trifluoromethyl)phenyl] D lysinamide</u>	D	D	
196	<u>N²-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-lysinamide</u> <u>N-2-[2 amino 5 cyano 6 (ethoxy)pyrimidin 4 yl] N-[3 (trifluoromethyl)phenyl] D lysinamide</u>	D	D	
197	<u>N²-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-O-methyl-N-[3-(trifluoromethyl)phenyl]-L-serinamide</u> <u>N-2-[2 amino 5 cyano 6 (ethoxy)pyrimidin 4 yl] O-methyl N [3 (trifluoromethyl)phenyl] L serinamide</u>	D		
198	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁵-(methylsulfonyl)-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> <u>N-2-[2 amino 5 cyano 6 (methylthio)pyrimidin 4 yl] N-5-(methylsulfonyl) N [3 (trifluoromethyl)phenyl] L ornithinamide</u>	D		